

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Shuzo IWASHITA, and Shinichi HANDA, both of Kagoshima, Japan

Serial No: Not Assigned

Filed: November 25, 2003

For: Piezoelectric Ceramics and Method of Manufacturing the Same, Actuator and
Method of Manufacturing the Same, Printing Head and Ink Jet Printer22278 U.S. PTO
10/722157
112503Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

CORRESPONDENCE ADDRESS:

☒ Customer Number

000026021

Transmitted herewith for filing is the patent application identified above.

- ☒ 6 sheet(s) of drawings (☒ formal ☐ informal) is(are) enclosed.
- ☒ 52 page(s) of specification and 1 page(s) of abstract of the invention are enclosed.
- ☒ An assignment of the invention to KYOCERA CORPORATION ☒ is enclosed ☐ will follow.
- ☐ An associate power of attorney ☐ is enclosed ☐ will follow.
- ☐ Applicant claims small entity status. See 37 CFR 1.27.
- ☒ Declaration and Power of Attorney ☒ is enclosed ☐ will follow.
- ☐ A certified copy of Patent Application No. filed from which priority is claimed under 35 U.S.C. § 119 is enclosed.
- ☐ IDS enclosed (☐ with reference(s)).
- ☐ Preliminary Amendment is enclosed.
- ☐ Application data sheet is enclosed. See 37 CFR 1.76.
- ☒ Return postcard is enclosed.

CALCULATION OF FEES									
ITEM		TOTAL NO. OF CLAIMS		NO. OF CLAIMS OVER BASE	LG/SM \$ ENTITY FEE		\$ AMOUNT	\$ FEE	
A	TOTAL CLAIMS FEE	30	-20	10	LG=\$18 SM=\$9	\$18	180.00		
B	INDEPENDENT CLAIMS FEE*	5	-3	2	LG=\$86 SM=\$43	\$86	172.00		
C	SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B)							352.00	
D	MULTIPLE-DEPENDENT CLAIMS FEE					LARGE ENTITY FEE = \$290 SMALL ENTITY FEE = \$145		\$ 0	
E	BASIC FEE					LARGE ENTITY FEE = \$770 SMALL ENTITY FEE = \$385		\$ 770.00	
F	TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E)							\$ 1122.00	
G	ASSIGNMENT RECORDING FEE							\$ 40	\$ 40
*LIST INDEPENDENT CLAIMS 1, 6, 17, 20, and 28									

- ☒ Please charge my Deposit Account No. 50-1314 the amount of \$ 1162.00. A copy of this letter is enclosed.
- ☐ A check in the amount of \$ 0 to cover the filing fee is enclosed.
- ☐ A check in the amount of \$ 40.00 to cover Assignment Recordation fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any deficiency for the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1314. **A copy of this sheet is enclosed.**
- ☒ Any additional filing fees required under 37 C.F.R. 1.16
- ☒ Any patent application processing fees under 37 C.F.R. 1.17

Respectfully submitted,
HOGAN & HARRISON LLP.By: Anthony J. Orle
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Date: November 25, 2003

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Art Unit: Not Assigned

Examiner: Not Assigned

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Date of Deposit: November 25, 2003

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Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

I hereby certify that

- ☒ two copies of a letter of transmittal
- ☒ patent application (52 page(s) of specification; 30 claim(s); 1 page(s) of abstract
- ☒ 6 sheet(s) of formal drawings
- ☒ executed Declaration and Power of Attorney
- ☒ assignment of the invention to KYOCERA CORPORATION
- ☒ return postcard

are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service with sufficient postage under 37 C.F.R. § 1.10 on the date indicated above and are addressed to:

Mail Stop PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Arlington, VA 22313-1450

Date: November 25, 2003

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Reynaldo Gallardo

Name of person mailing papers

Signature